

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (withdrawn) Device for supplying coating products to the atomizers of an installation for spraying coating products on objects displaced by a conveyor, wherein it comprises at least one principal tank, adapted to supply secondary tanks each intended for an atomizer, and means for displacing said principal tank up to the vicinity of said secondary tanks.
2. (withdrawn) The device of claim 1, wherein the or each principal tank is adapted to contain a sufficient quantity of coating product to supply the secondary tanks intended for the atomizers of the installation for completely coating an object or one side of an object.
3. (withdrawn) The device of claim 1, wherein said displacement means comprise at least one conveyor adapted to displace said principal tank parallel to the direction of advance of a conveyor for displacing the objects.

4. (withdrawn) The device of claim 1, wherein said means for displacing said principal tank are constituted by the conveyor for displacing said objects to be coated.

5. (withdrawn) The device of claim 1, wherein said principal tank is adapted to be connected to at least one secondary tank borne by a robot and associated with an atomizer.

6. (withdrawn) The device of claim 1, wherein it comprises at least one station for temporary storage of at least one secondary tank and means for temporary connection of a principal tank with at least one secondary tank in place in said station.

7. (previously presented) Method for supplying coating products to at least one atomizer of an installation for spraying coating products, comprising the steps of: displacing at least one principal tank containing a coating product up to the vicinity of at least one secondary tank intended for an atomizer; transferring coating product from said principal tank towards said secondary tank after said displacing step; and supplying said atomizer with coating products from said secondary tank.

8. (previously presented)) The method of claim 7, wherein it

comprises the steps of: conducting said principal tank up to in the zone of activity of a robot for positioning said atomizer and a secondary tank intended for said atomizer; displacing said secondary tank by means of said robot up to the immediate vicinity of said principal tank before transferring said product from said principal tank towards said secondary tank, and after the transfer, displacing said secondary tank towards a position in which said atomizer is able to spray said product.

9. (previously presented) The method of claim 7, wherein it comprises the steps of: conducting said principal tank up to the vicinity of a station for temporary storage of at least one secondary tank; transferring product from said principal tank towards at least one secondary tank in place in said station, and mounting at least one secondary tank filled from said principal tank on a paint-applying robot.

10. (original) The method of claim 9, wherein each secondary tank forms a sub-assembly with an atomizer for which it is intended, and in that such a sub-assembly is mounted on said robot after filling of said secondary tank in said temporary storage unit.

11. (currently amended) The method of claim 7, wherein it comprises filling said principal tank with a sufficient quantity for coating the same object or one side of the same object by different atomizers, and ~~in~~ supplying said atomizers by means of secondary tanks filled by transfer from said principal tank.

12. (withdrawn) Installation for spraying coating products comprising a device according to claim 1.

13. (previously presented) Device for supplying coating products to at least one atomizer of an installation for spraying coating products, comprising: means for displacing at least one principal tank containing a coating product up to the vicinity of at least one secondary tank intended for an atomizer; means for transferring coating product from said principal tank towards said secondary tank after said displacing step; and means for supplying said atomizer with coating products from said secondary tank.

14. (new) The method of claim 7, wherein said step of displacing at least one principal tank comprises mounting said at least one

Appln. No. 09/982,141
Amd. dated February 23, 2005
Reply to Office Action of November 23, 2004

principal tank on a conveying device and operating the conveying device to bring the at least one principal tank to the vicinity of the at least one secondary tank.